Index of Claims

| Application/Control No |
|------------------------|
|------------------------|

09/884,490 Examiner

Applicant(s)/Patent under Reexamination **BROWN ET AL.** 

Art Unit

Frantz Coby

2161

| √ | Rejected |
|---|----------|
| 1 | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** 0 Objected

| Clá      | im       | Date     |                 |         |              |          |          | Cla                     | Claim                   |       |             | Date     |  |                |          |                         |              |              |              | laim      | Date  |  |            |  |                 |           |                 |          |          |              |          |          |
|----------|----------|----------|-----------------|---------|--------------|----------|----------|-------------------------|-------------------------|-------|-------------|----------|--|----------------|----------|-------------------------|--------------|--------------|--------------|-----------|-------|--|------------|--|-----------------|-----------|-----------------|----------|----------|--------------|----------|----------|
| Final    | Original | 05-04-06 |                 |         |              |          |          |                         |                         |       | Final .     | Original |  |                |          |                         |              |              |              |           |       | Final  | Original   |  |                 |           |                 |          |          |              |          |          |
| 1        | 1        | Ξ        |                 |         |              |          |          |                         |                         |       |             | 51       |  |                |          |                         |              |              |              |           |       |  | 101        |  |                 |           |                 |          |          |              |          |          |
| 2        | 2        | =        | oxdapsilon      | _       | 1            | <u> </u> | ┸        | $\perp$                 | $\bot$                  | 4     | <u> </u>    | 52       | ļ  |                | 4        | _                       | _            | _            |              |           | _     |  | 102        | <u> </u>   | _               |           | <u> </u>        |          |          |              | _        |          |
| 3        | 3        | =        | $\vdash$        | 4       | +-           | -        | 4        | 4                       | 1                       | -     | <u> </u>    | 53       |  | _              | -        | -                       | _            | 4            | _            | 4         | 4     | ļ  | 103        | L.   | L.              | _         | _               |          | _        |              | _        |          |
| 4        | 4        | =        |                 | +       | +-           | ╀        | +        | _                       | +                       | 4     |             | 54       |  | $\dashv$       | -        | -                       | +            | -            |              | ╀         | -     | <u> </u>   | 104        | ┡  |                 |           | _               | Ш        |          | $\dashv$     | _        |          |
| 5<br>6   | 5        | =        | <b></b>         | +       | +            | +        | +        | ╁                       | +-                      | -     | <u> </u>    | 55<br>56 | -  | $\dashv$       | $\dashv$ | +                       | +            | +            | ╁            | +         | -     |  | 105<br>106 |  | $\vdash$        |           | H               | _        |          |              | -        |          |
| 7        | 7        | =        |                 | +       | ┿            | ╁        | ╀        | +                       | ╁                       | -     | <del></del> | 57       | ├  | $\dashv$       | +        | $\dashv$                | +            | +-           | ╁            | +-        | -     |  | 107        | ┢┈   | -               | _         | -               | _        |          | $\dashv$     | -        |          |
| 8        | 8        | =        | $\vdash \vdash$ | +       | +-           | +        | ╁        | +                       | +                       | 1     |             | 58       |  | -              | +        | 十                       | +            |              | +-           | +         | -     |  | 108        | H  |                 |           | -               |          |          |              | $\dashv$ | $\dashv$ |
|          | 9        |          |                 | +       | +            | +        | ╁╴       | ╅                       | +                       | 1     |             | 59       | <del>                                     </del> | $\dashv$       | $\dashv$ | $\dashv$                | _            | ╁            | +            | ╁         | 1     |  | 109        |  |                 | _         |                 |          |          |              | $\neg$   | $\neg$   |
| 9        | 10       | =        |                 | 1       | T            | +        | 1        | $\top$                  | ╁                       | 1     | <u> </u>    | 60       |  | $\dashv$       | +        | $\dashv$                |              | +            | _            | +         |       |  | 110        |  |                 |           |                 |          |          |              |          | 一        |
|          | 11       |          |                 |         | 1            | 1        | 1        | $\top$                  | T                       | 1     |             | 61       | M  | T              | 7        | $\neg$                  |              |              | 1            | $\top$    | 7     |  | 111        |  |                 |           | _               |          |          | $\Box$       | ᄀ        | $\neg$   |
| 10       | 12       | =        |                 | Ι       | $oxed{\Box}$ |          |          | Ι                       | $oldsymbol{\mathbb{L}}$ | ]     |             | 62       |  |                |          |                         |              | I            |              | Ι         | ]     |  | 112        |  |                 |           |                 |          |          |              |          |          |
| 11       | 13       | =        |                 | 工       | $\perp$      | $\perp$  | $\perp$  | T                       |                         |       |             | 63       |  |                | $\Box$   | $\perp$                 |              | $oxed{\Box}$ |              |           | ]     |  | 113        |  |                 |           |                 |          |          |              |          |          |
| 12       | 14       | =        | $\vdash \vdash$ | $\perp$ | _            |          | $\perp$  | 4                       | $\perp$                 | 4     |             | 64       | Ш  |                | $\perp$  | _                       |              |              | $\perp$      | $\perp$   | 4     |  | 114        |  | Ш               |           |                 |          |          | $\Box$       |          | $\Box$   |
| 13       | 15       | =        | <del>   -</del> | $\perp$ | $\bot$       | <u> </u> | 4-       | _                       | _                       | 4     |             | 65       | $\vdash$   | 4              |          | 4                       | 4            | 4            | 4            | ╀-        | 4     | L  | 115        | <u> </u>   | Ш               |           |                 | Щ        |          |              | _        | _        |
| 14       | 16       | =        |                 | +       | +            | ╄        | +-       | +                       | _                       | -     |             | 66       | $\vdash$   | _              | 4        | -                       | +            | +            | ╁            | 4_        | 4     |  | 116        | <u> </u>   | Н               |           |                 | Щ        |          | $\dashv$     | _        |          |
| 15<br>16 | 17<br>18 | =        |                 | +       | +            | ╀        | ╀        | ┿                       | +                       | -     |             | 67       | $\vdash$   | 4              | -        | +                       | +            | +            | ╁            | +-        | -     | <u> </u>   | 117        |  | H               |           |                 |          |          | $\dashv$     |          | 괵        |
| 17       | 19       | -        | $\dashv$        | +       | ┿            | ╁        | ╁        | ╀                       | ┿                       | -     | <u> </u>    | 68<br>69 | $\vdash$   |                | +        | +                       | +            | +-           | +-           | ╁         | -     |  | 118<br>119 |  | Н               |           |                 |          |          | $\dashv$     |          |          |
| 18       | 20       | =        | -               |         | ╁            | ╁╌       | ╁╴       | ╬                       | ┿                       | -     | -           | 70       | Н  | $\dashv$       | +        | +                       | +            | +            | +            | ╁         | -     |  | 120        | $\vdash$   | -               |           |                 | Н        | -        | $\dashv$     |          | $\dashv$ |
| 19       | 21       | =        | $\vdash$        | +       | ╁            | ╁        | ╁        | ╁                       | ╁                       | 1     |             | 71       | Н  | -+             | +        | $\dashv$                | +            | +            | ╁            | +         | -     | <del> </del>                                     | 121        |  | Н               |           | Н               | $\dashv$ |          | $\dashv$     | $\dashv$ | -        |
| 10       | 22       | H        |                 |         | +            | +        | t        | +                       | +                       | 1     |             | 72       | H  | $\dashv$       | _        | +                       | +            | +            | +            | ╁╌        | 1     | $\vdash$   | 122        |  | Н               |           |                 |          |          | -            | -        |          |
| 20       | 23       | =        | $\top$          | $\top$  | $\top$       | T        | T        | $\top$                  | _                       | 1     |             | 73       | П  | $\dashv$       | 7        | 十                       | $\dashv$     | ╅            | $\top$       | T         | 1     |  | 123        | <del>                                     </del> | H               |           | _               | $\neg$   |          | 寸            | $\dashv$ | $\neg$   |
| 21       | 24       | =        | $\neg$          |         | Τ            | $\top$   | 1        | ╅                       |                         | 1     |             | 74       |  | 寸              | T        | 十                       | 十            | T            | 1            | T         | 1     | <u> </u>   | 124        | 1  | П               |           |                 |          |          | ヿ            | ヿ        |          |
| 22       | 25       | п        |                 |         |              |          | Π        |                         |                         | ]:::: |             | 75       |  | $\Box$         | T        | $\neg$                  |              |              |              |           | 1     |  | 125        |  |                 |           |                 |          |          |              | $\neg$   |          |
|          | 26       |          |                 |         |              |          | oxdot    | $\perp$                 |                         | ]     |             | 76       |  |                |          | $\Box$                  |              |              | I            | L         | ]     |  | 126        |  |                 |           |                 |          |          |              |          |          |
| 23       | 27       | =        | $\perp$         | _       | 1            | _        | ┺        | ╀                       | ┷                       | J     |             | 77       | Ш  |                | $\perp$  | _ _                     |              |              | $\perp$      | _         | _     |  | 127        |  | Ш               |           |                 |          |          |              |          |          |
|          | 28       |          |                 | $\bot$  | 1            | ↓_       | ╀        | $\bot$                  | _                       | 4     |             | 78       | Ш  | 4              | 4        | 4                       | _            | _            | 4            | ┺         | 4     |  | 128        | _  | Ш               |           |                 |          |          | _            |          |          |
| 24       | 29       | =        | $\perp$         | ╁       | +-           | ╀-       | ╄        | +                       | +                       | 4     |             | 79       | Ш  | -              | +        |                         | -            | +            | -            | 4         | 4     | ļ  | 129        |  | Н               |           |                 |          |          | _            |          | ᅴ        |
| 25       | 30<br>31 | =        |                 | +       | +-           | +-       | ╀        | +                       | ┿                       | 4     |             | 80       |  | -              | +        | +                       | +            | +            | -            | $\vdash$  | 4     | ļ  | 130        | <u> </u>   | Н               |           | Н               |          |          | -            |          | 4        |
| 25       | 32       | 픠        |                 | +       | ╁╌           | ╁        | ╁        | +                       | +                       | -     |             | 81<br>82 |  |                | +        | +                       | +            | +            | +            | ╀         | -     | ļ  | 131        | $\vdash$   | Н               | _         | Н               | -        | _        | -            |          | -        |
| 26       | 33       | =        |                 | +       | +-           | ╁╌       | ╁        | +                       | ╁                       | 1     |             | 83       | Н  | $\dashv$       | +        | +                       | +            | +            | ╁            | +         | ┨     | _  | 133        |  | Н               | -         | -               | -        |          |              | $\dashv$ | $\dashv$ |
|          | 34       |          | _               | ╁       | +            | +        | ╁        | ╅                       | ╁╴                      | 1     |             | 84       |  | $\dashv$       | +        | +                       | +            | ╁            | ╁            | +         | 1     | _  | 134        | -  | Н               | _         | Н               |          | -        | +            | $\dashv$ | ⊣        |
|          | 35       |          | $\neg \vdash$   | $\top$  | $\top$       | 1        | 十        | $\top$                  | †                       | 1     |             | 85       | П  | $\dashv$       | +        | $\dagger$               | 十            | $\top$       | +            | 十         | 1     | <del>                                     </del> | 135        | _  | Н               |           | Н               |          |          | $\dashv$     |          | $\dashv$ |
|          | 36       |          | 丁               | I       | T            |          | T        | T                       | $\perp$                 |       |             | 86       | П  | $\neg \dagger$ | $\dashv$ | 十                       | $\top$       | +            | $\top$       | †         | 1     |  | 136        | Г  | Н               |           | П               |          |          | 一            | 7        | $\dashv$ |
|          | 37       |          |                 | Ι       | Ι            | $\Box$   |          | $oldsymbol{\mathbb{T}}$ |                         |       |             | 87       |  |                |          | _                       | ╧            |              | I            | Ι         | ]     |  | 137        |  |                 |           |                 |          |          |              |          | ╗        |
|          | 38       |          |                 |         |              |          |          |                         |                         |       |             | 88       |  | $\Box$         |          | $oldsymbol{\mathbb{I}}$ | $\perp$      | I            | $oxed{\Box}$ |           |       |  | 138        |  |                 |           |                 |          |          |              |          | -        |
|          | 39       | Ш        |                 | $\perp$ |              | 1        | $\perp$  | $\perp$                 |                         | 4     |             | 89       |  | $\perp$        | $\perp$  | $\perp$                 | $\perp$      |              | $\bot$       | 1         | 1     |  | 139        |  |                 |           |                 |          |          | $\Box$       |          | $\Box$   |
|          | 40       | $\Box$   |                 | $\perp$ | $\perp$      | 1        | ↓_       | $\perp$                 | $\perp$                 | 4     |             | 90       | Ш  | _              | 4        | 4                       | $\perp$      | 4            | 1            | 1_        | 4     |  | 140        | L.,  | $\sqcup$        |           |                 |          |          | $\downarrow$ | _        | _        |
|          | 41       |          | -               | +       | -            | -        | 1-       | +-                      | +                       | 4     |             | 91       |  | $\dashv$       | +        | +                       | +            | - -          | +            | $\bot$    | 4     |  | 141        | Ш  | Ш               |           | Ш               |          |          | _            | _        | 4        |
|          | 42<br>43 | $\vdash$ | $\dashv$        | +       | ╁            | ₩        | ╀        | +-                      | +                       | -     |             | 92       | $\vdash \vdash$                                  |                | +        | +                       | - -          |              | -            | +         | 4     | <u> </u>   | 142        | Щ  | $\square$       | _         | $\sqcup$        | -        | _        |              |          | 4        |
|          | 44       |          | $\dashv$        | ╁       | +            | ╁╌       | ╁        | +                       | +-                      | -     |             | 93<br>94 | $\vdash$   | +              | +        | +                       | +            | +            | +            | +-        | -     |  | 143<br>144 | $\vdash$   | $\vdash \vdash$ | _         | $\vdash \vdash$ | $\dashv$ | -        |              |          |          |
|          | 45       | $\dashv$ | $\dashv$        | +       | ╁            | +-       | +-       | +                       | +                       | 1     |             | 95       | $\vdash$   | $\dashv$       | -+       | +                       | +            | +            | +            | +-        | 1     |  | 145        | Н  | $\vdash \vdash$ | -         | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 46       |          | _               | +       | +            | $\top$   | $\vdash$ | +                       | +                       |       |             | 96       | $\vdash$   | $\dashv$       | +        | +                       | +            | +            | +-           | +         | 1     |  | 146        | -  | $\vdash$        |           | -               | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 47       |          | _               | 1       | $\top$       | $\vdash$ | 丅        | $\top$                  | T                       |       |             | 97       | H  | $\dashv$       | 十        | +                       | +            | +            | †            | T         | 1     |  | 147        | Н  | $\vdash$        | -         | -               | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 48       |          |                 | T       | 1            |          | T        | 1                       | $\top$                  | 1     |             | 98       | П  | $\dashv$       | _        | $\top$                  | $\top$       | $\top$       | $\top$       | T         | 1     |  | 148        | H  | $\Box$          | $\exists$ |                 | 一        | 一        | $\dashv$     | 7        | $\dashv$ |
|          | 49       |          |                 | Ĺ       |              |          | Γ        | Ι                       |                         | ]     |             | 99       |  |                |          | _                       | _            | T            |              | Τ         | ]     |  | 149        |  |                 |           |                 | $\neg$   | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 50       |          |                 |         |              |          |          |                         |                         | ]     |             | 100      |  |                | $\Box$   | Ι                       | $oxed{oxed}$ | $\perp$      |              | $oxed{L}$ | ]!!!! |  | 150        |  |                 |           |                 |          |          |              |          |          |